

## More Practice with Adding & Subtracting Radicals

Name \_\_\_\_\_ Date \_\_\_\_\_

Simplify completely.

1.  $3\sqrt{6} - \sqrt{3} - \sqrt{6} - 2\sqrt{6}$

2.  $-2\sqrt{5} - \sqrt{2} - \sqrt{5} + 2\sqrt{6}$

3.  $2\sqrt{3} - \sqrt{3} - 2\sqrt{2} + 2\sqrt{3}$

4.  $2\sqrt{3} - 2\sqrt{5} + 3\sqrt{3} + 3\sqrt{5}$

5.  $2\sqrt{6} - \sqrt{3} + 2\sqrt{6} - 2\sqrt{6}$

6.  $-2\sqrt{12} + 2\sqrt{3} + 3\sqrt{45}$

7.  $-\sqrt{45} + 2\sqrt{27} + 2\sqrt{5}$

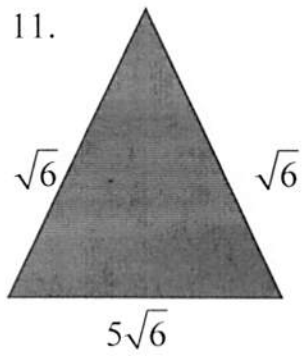
8.  $-2\sqrt{6} - \sqrt{54} + 2\sqrt{24}$

9.  $-2\sqrt{5} + 3\sqrt{8} - 3\sqrt{18}$

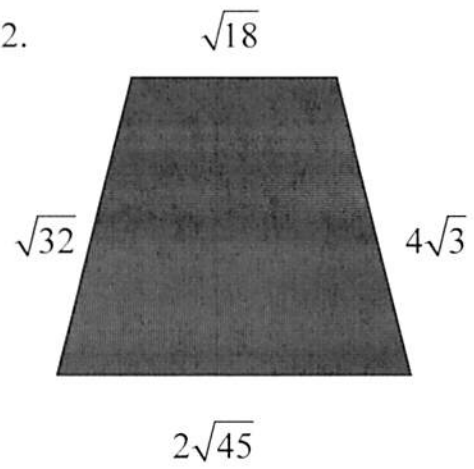
10.  $3\sqrt{45} - 2\sqrt{54} + 2\sqrt{6}$

Find the perimeter of the following figures.

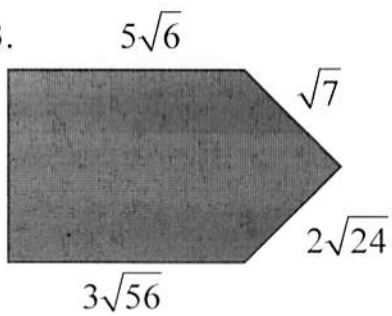
11.



12.



13.



14.

